

26 OCT 1981

STAT

Gentlemen:

During our meeting on 14 October 1981 on the Utilities Alternative Study, several items were discussed which required additional research in order to provide an accurate response. Enclosures A through D listed below provide the requested information:

- A. A testing printout of 120 volt service measured inside the building on a typical day.
- B. Testing printouts of 6 voltage-drop occurrences and the UPS performance measured at the UPS.
- C. Two copies of the footprint area for Model I.
- D. Two copies for the footprint and area for Model II.

With respect to the question concerning DC power, it does not need to be included as part of the study. With respect to 400 Hz requirements, Model I should be designed for 500 KVA. Model II should be designed for 500 KVA initially with growth to 1000 KVA.

If you desire any additional information, please advise, and it will be forwarded to you.

Building Planning Staff

Enclosures:
As Stated

Distribution:
Orig - Adse, w/encls.
1 - OL/BPS Subject, w/o encls.
1 - OL/BPS Chrono, w/o encls.

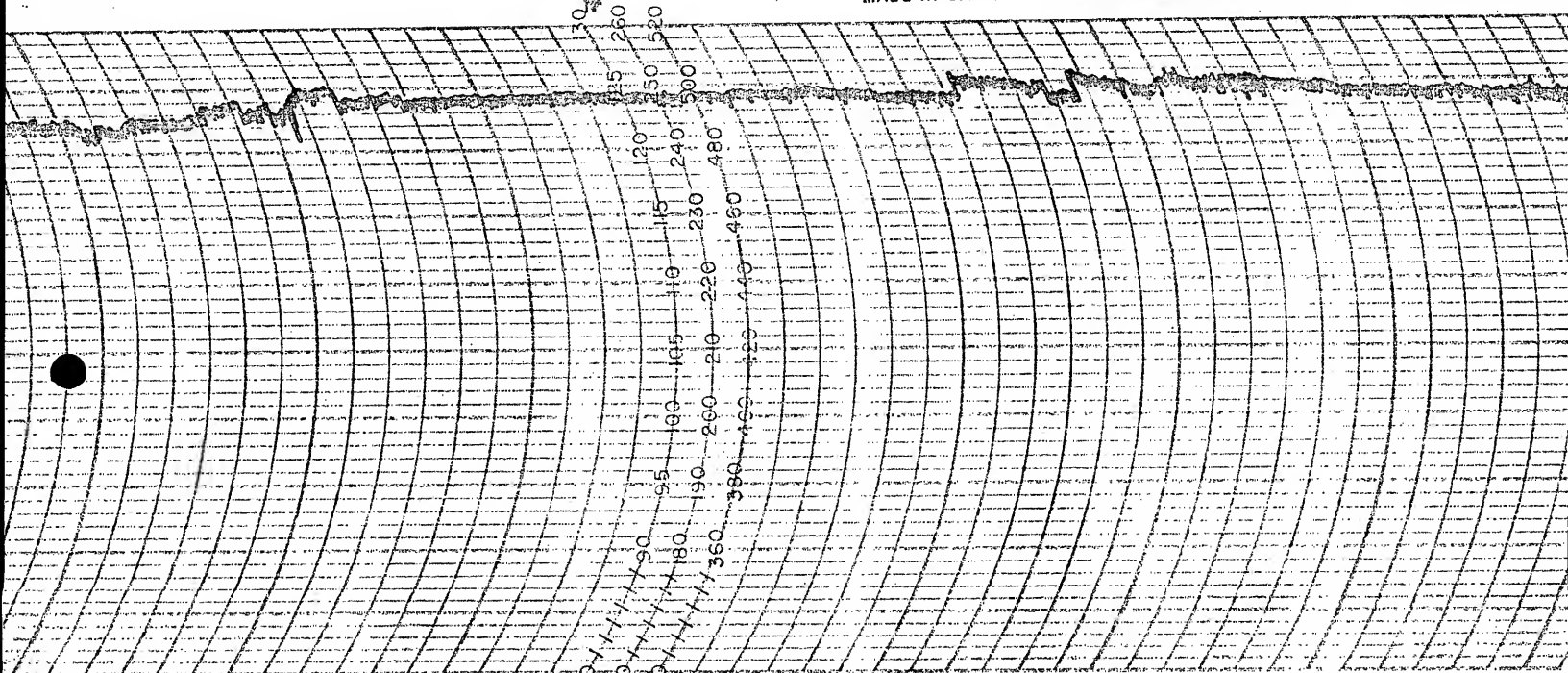
OL/BPS (26 Oct 81)

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MADE IN U.S.A.

ESTERLINE ANGUS

INDIANAPOLIS, IND



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SPM

ENTR' ANGUS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 500

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 500

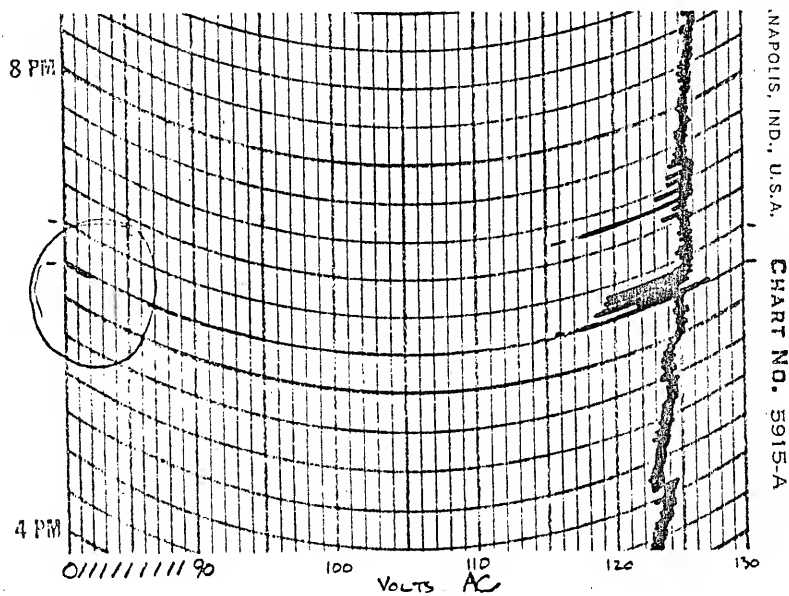
8 PM 4 PM NOON

359

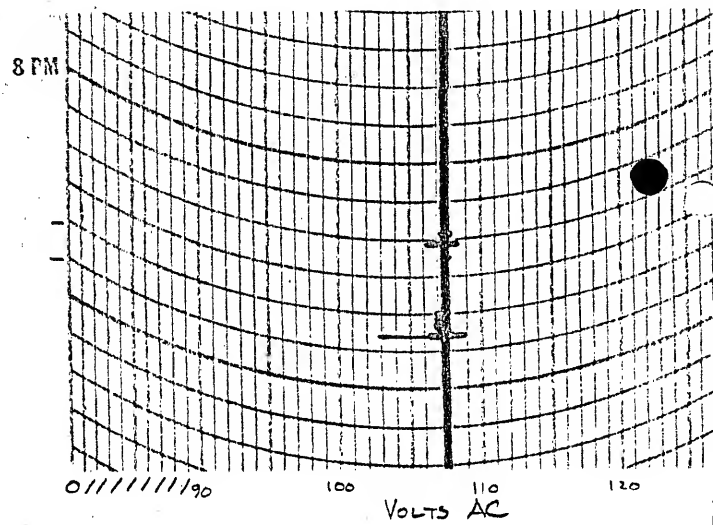
4 P. 25.

225

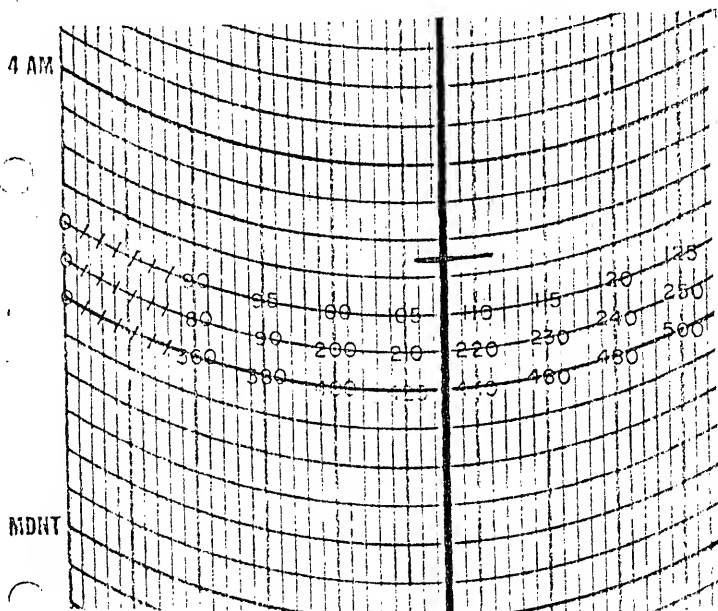
power outage
6-20 PM
22 Sept 81



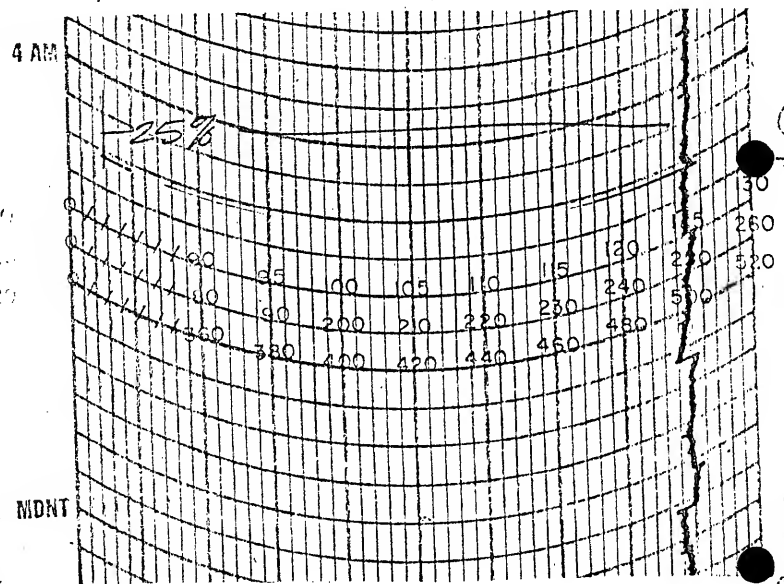
BUILDING POWER
(V.E.P. Co.)



UPS POWER



UPS

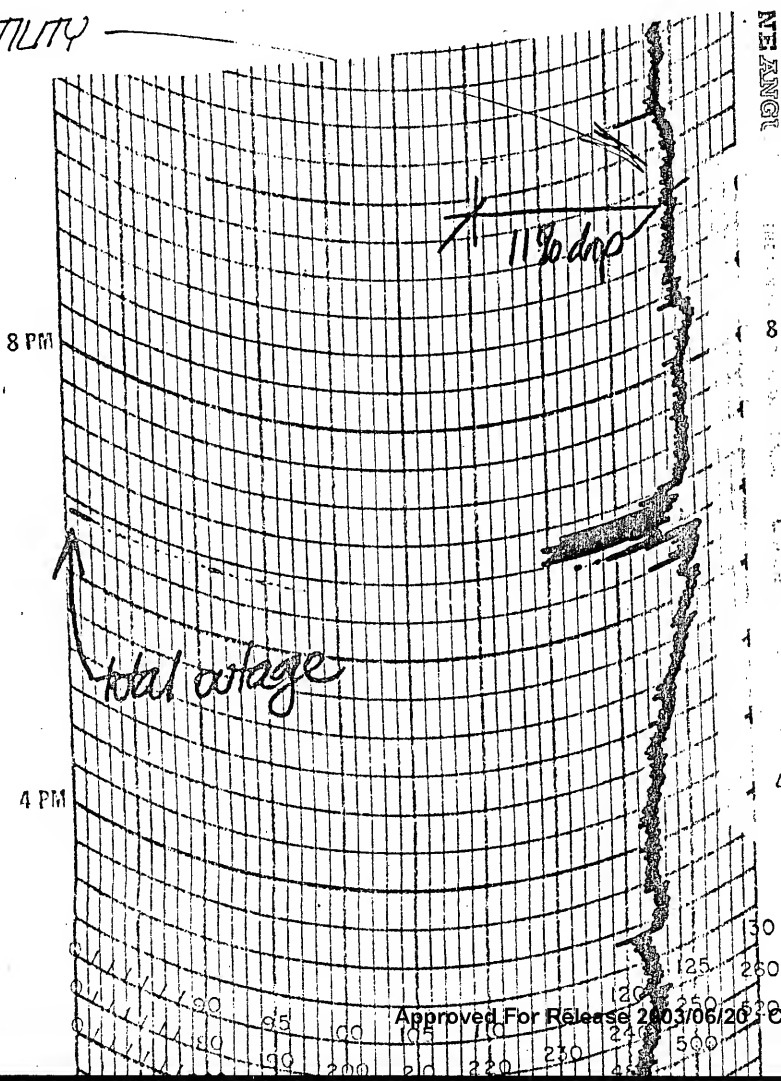


VEPCO

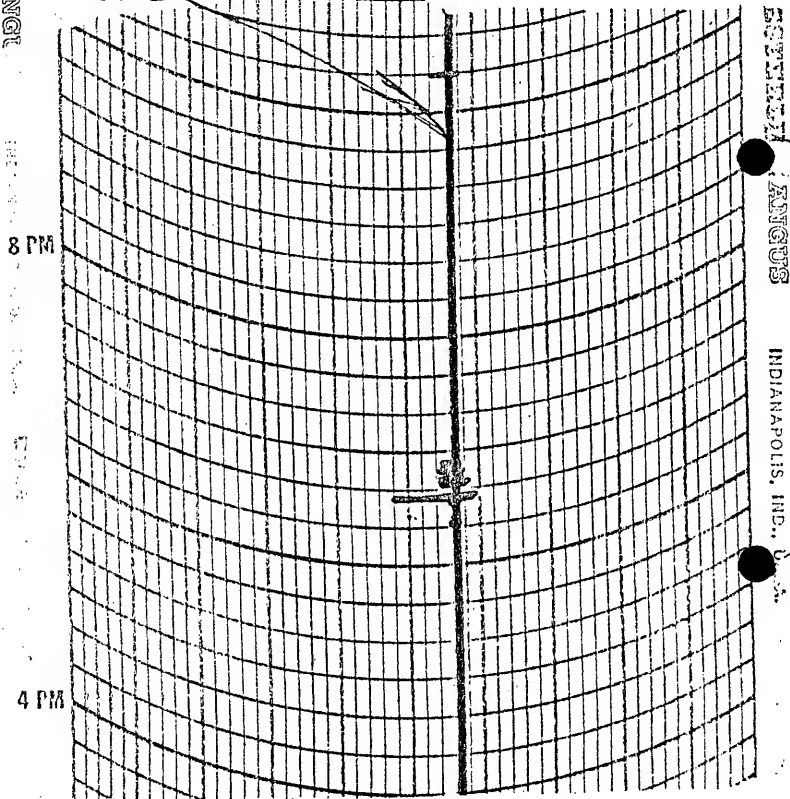
unscheduled power outage
20 Jul 81, 1850 hours
of

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UTILITY



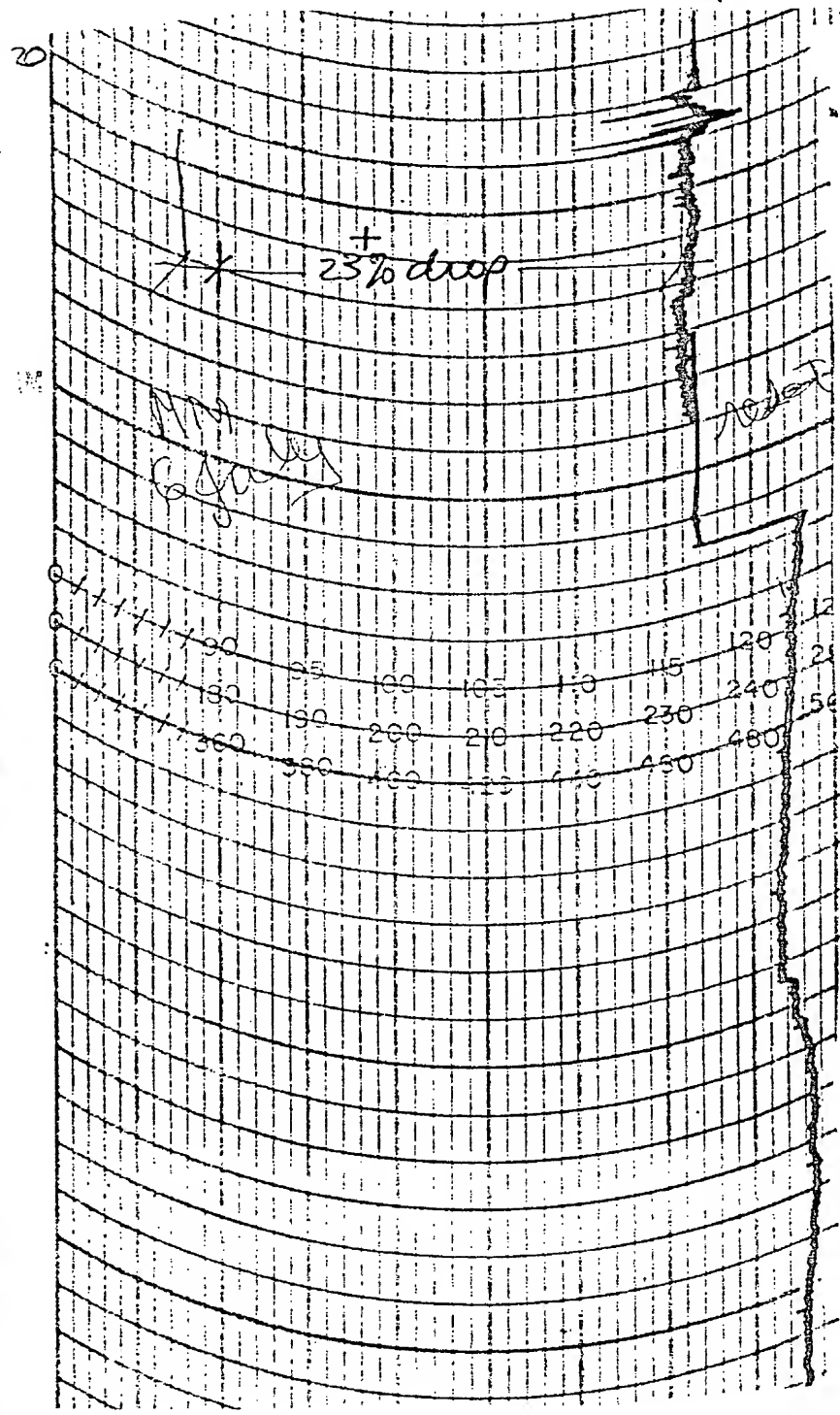
UPS



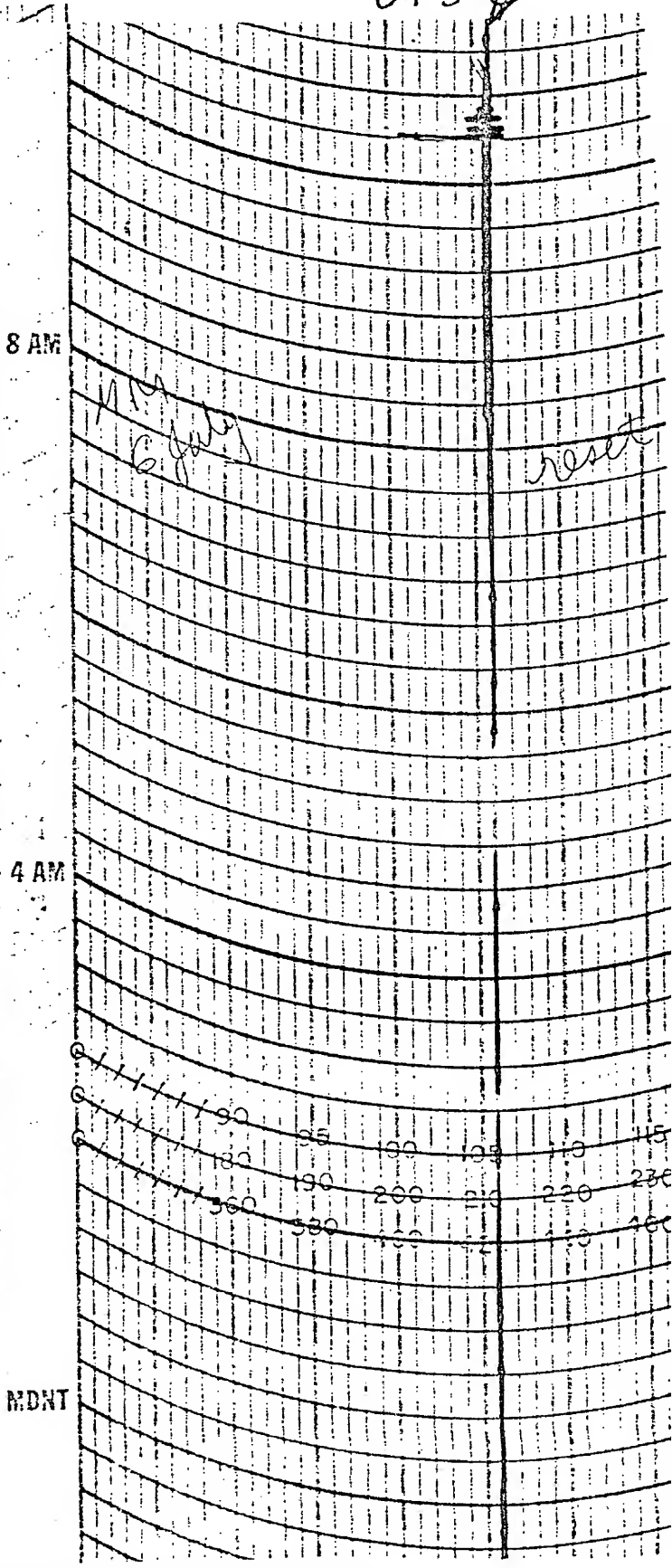
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23% voltage drop
 7/6/81 @ 1030 hrs
 4

VERCO 7



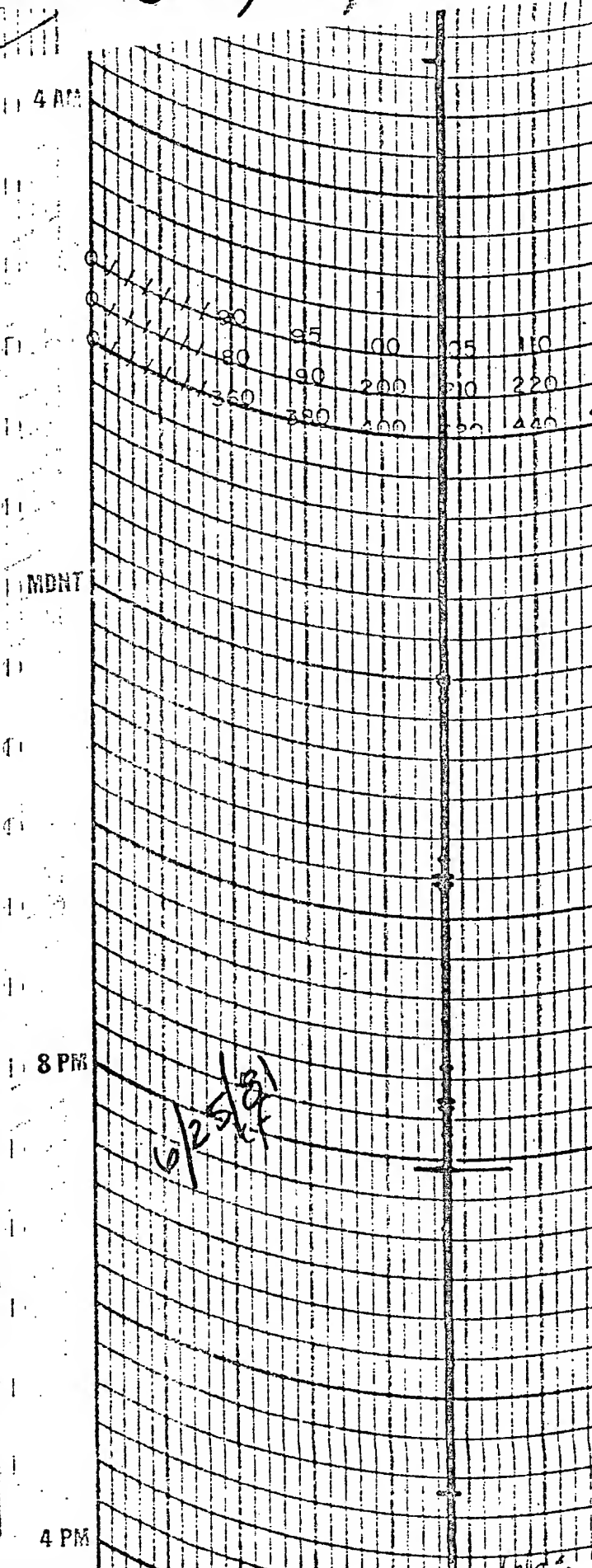
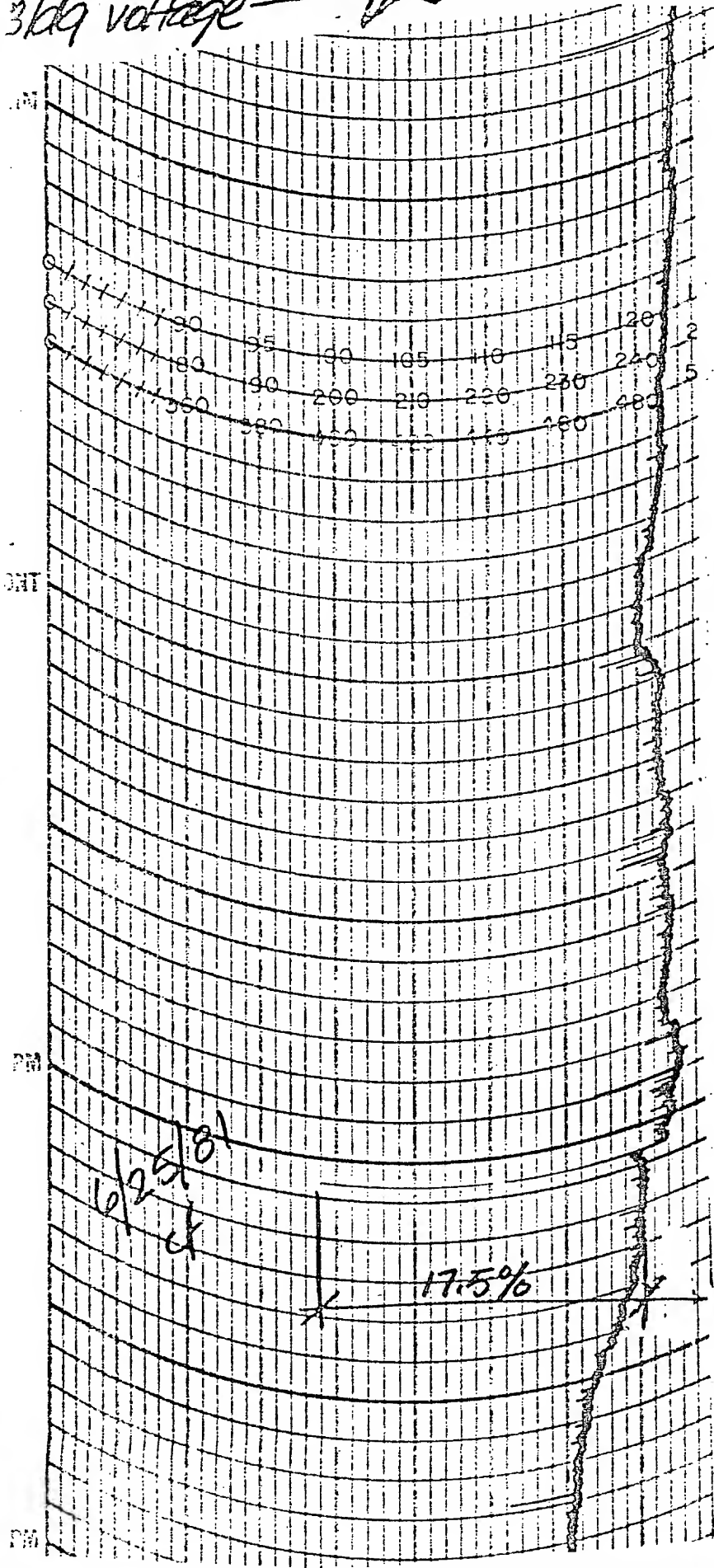
UPS 7



MDNT

7.5% voltage drop
 6/25/81, 1950 hrs
 369 voltage

6/25/81



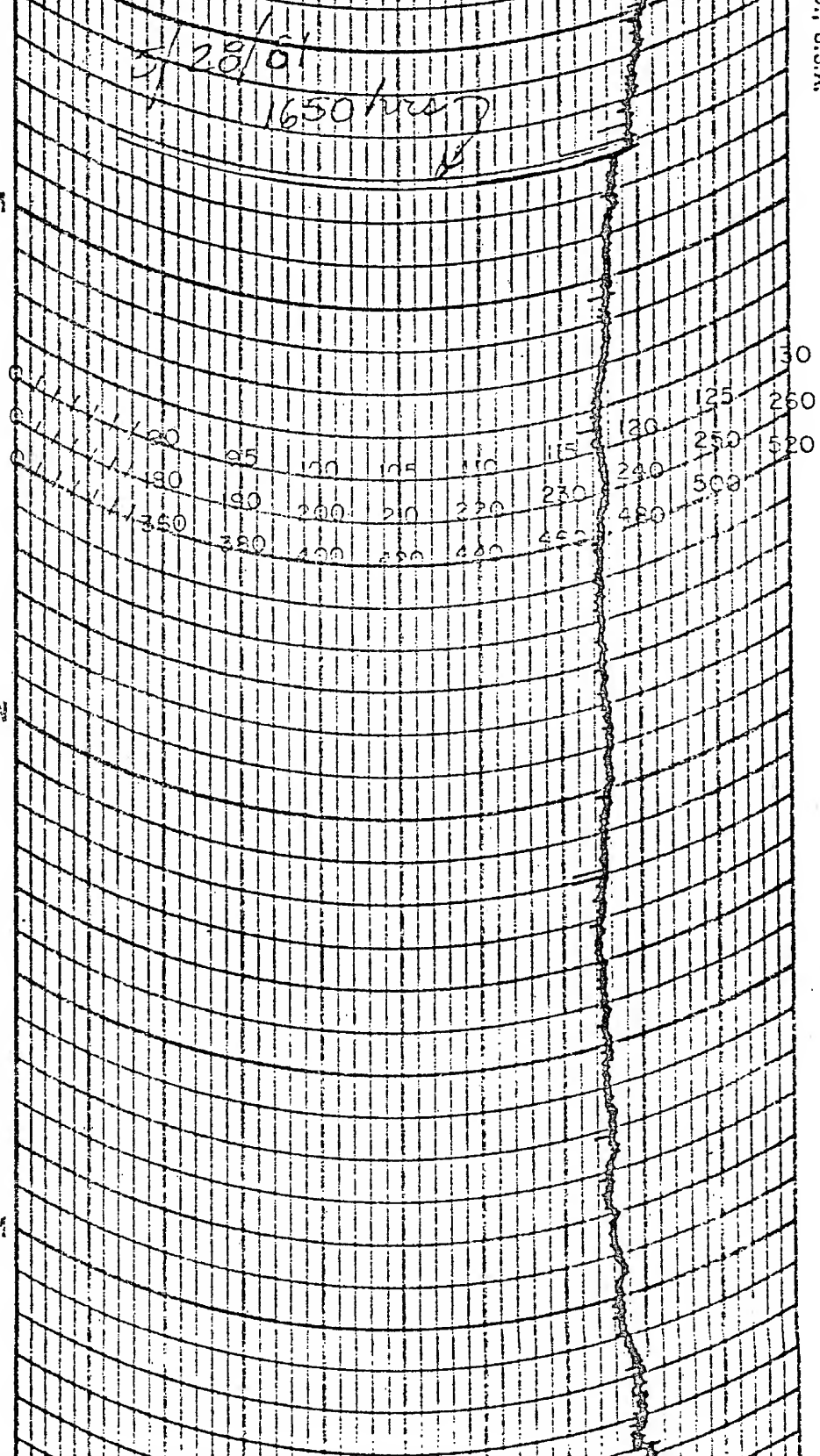
3/28/81
 25+ % Voltage
 drop.

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4 PM

NOON

8 AM



POWER
8/81
4.7% voltage drop

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4 PM

NOON

8 AM



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25X1

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